

# GRANT LABORATORIES, INC.

## MATERIAL SAFETY DATA SHEET

### I. General Information

**Product Name:** GRANT'S KILLS ANTS  
Indoor Ant Control  
**Manufacturer:** GRANT LABORATORIES, INC.  
**Manufacturer's Address:** 14688 Washington Ave.  
San Leandro, CA 94578

**Manufacturer's Phone #:** (510) 483-6070  
**Emergency Phone #:** (510) 483-6070  
**Date Prepared:** March 31, 1986

### II. Ingredients

Principal Components:		OSHA PEL	ACGIH TLV	Other Limits Recommended	%
ARSENIC TRIOXIDE	ARSENIOUS OXIDE	0.91 mg/M3	70-180 mg if ingested	Unknown	99
Refined Arsenic	AS203				%
Non-Metallic					

### III. Physical /Chemical Characteristics

**Boiling Point:** Sublimes at 425° F  
**Vapor Pressure (mm Hg.):** 1mm/412° F  
**Vapor Density (Air = 1):** N/A  
**Solubility in Water:** 2.93%  
**Appearance & Odor:** Vitreous, odorless

**Specific Gravity (H<sub>2</sub>O=1):** 3,85  
**Freezing Point:** 379° F  
**Evaporation Rate (Butyl Acetate=1):** N/A

### IV. Fire & Explosion Hazard Data

**Flash Point:** Non-combustible  
**Flammable Limits:** N/A  
**Extinguishing Media:** N/A

**Auto Ignition Temperature:** N/A  
**LEL:** N/A  
**UEL:** N/A

**Special Fire Fighting Procedures:** Use water spray carefully so as not to create dust clouds. Wear self-contained breathing apparatus and full protective clothing, dike area to avoid runoff to streams.

**Unusual Fire & Explosion Hazards:** None

### V. Reactivity Data

**Stability:** Stable  
**Incompatibility:** Compatible to other elements

**Hazardous Polymerization:** Will not occur  
**Conditions to Avoid:** Avoid placing near high temperature.

### VI. Health Hazard Data

**Primary Routes of Entry:** Skin, inhalation, ingestion  
**Acute Poisoning:** By ingestion of very small amounts.

**Chronic Poisoning:** By ingestion or inhalation.  
**OSHA Regulated:** Yes

**Signs and Symptoms of Exposure:** Difficulty in swallowing, tightness in throat, severe abdominal pain, vomiting, diarrhea, thirst, scanty or suppressed urination, pain in limbs & muscle cramps, cold damp skin,

weak pulse, shallow breathing, shock, convulsions, weakness, loss of appetite, hoarseness, sneezing, coughing, sore mouth, nasal & throat congestion, inflammation and ulceration of skin and mucous membrane can result from local contact or inhalation. Death may occur in acute case, often with 24 hours.

**Emergency and First Aid Procedures:** IF SWALLOWED, induce vomiting by sticking finger down throat after drinking 1 or 2 glasses of water. IF INHALED, remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. In both cases call a physician or poison center.

## **VII. Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled:** The only acceptable way for cleaning floors is by water, first a fine spray must be put down on the floor by a water hose with nozzle, then watered down and mopped. Brooms must not be used for sweeping up.

**Waste Disposal Method:** Any spilled material to be gathered and placed in a tight metal drum & disposed in a regulated federal, state & local waste site.

**Precautions to Be Taken in Handling and Storing:** Avoid direct contact to skin: Avoid breathing dusts or fumes.

**Other Precautions:** Do not contaminate water, feed or foodstuffs by storage, disposal or cleaning equipment.

## **VIII. Control Measures**

**Respiratory Protection:** Respirator #7580 Norton Highly Toxic Particulate. Filter cartridges #7500-8 High efficiency filter – 99.97% efficiency.

**Ventilation Recommended:** Mechanical: Fans.

**Protective Gloves:** Recommended.

**Eye Protection:** Recommended.

**Other Protective Clothing or Equipment:** Clothing which completely covers body.

**Work/Hygienic Practices:** Wash hands & face before eating – shower at end of work shift. Never eat, drink, smoke or store food & beverages in or around work or storage area.